

IKOpro High Performance PU Adhesive

Insulation Board Adhesive

Product Details

Material	PU Adhesive
Tin Size	6.5 Kg
Colour	Green
Product Number	58800001



Introduction

IKOpro High Performance PU Adhesive is high performance moisture cured single part, polyurethane adhesive for bonding rigid insulation boards to a wide variety of substrates. The adhesive is cold applied and has been specially developed to allow the safe and rapid bonding of suitable insulation boards. The product is supplied in 6.5Kg tins ready to apply directly from the container.

Features & Benefits

- Rapid Curing
- Cold Application
- Excellent adhesion properties
- Fast installation
- Cost effective application

IKOpro High Performance PU Adhesive Use

1. Ensure the substrate is clean and free of ponding water.
2. Apply 15mm wide beads of IKOpro High Performance PU adhesive to the substrate at bead centre spacing as defined in the IKO Polymeric project specification. Only apply as much adhesive as can be covered within 10 minutes
3. Install the insulation boards tightly butted in a brick bond pattern pressing the boards in to the adhesive to ensure a good bond. The insulation should be installed before formation of a skin on the adhesive. It is recommended that the bond is checked at regular intervals by lifting a corner of the insulation and checking the beads have been squashed flat. This is particularly important on uneven substrates.
4. Curing will usually occur between 2 and 6 hours dependent on humidity and temperature.

Important: IKOpro High Performance PU Adhesive must only be applied in temperatures above 5 Deg C. Failure to do so could result in the de-bonding. The adhesive cures through a reaction with moisture in the air and as such the relative humidity should be minimum 30%. In hot summer conditions, when the relative humidity is below 30%, it will be necessary to lightly moisten the substrate with a fine spray of water prior to applying the adhesive.

Storage

IKOpro High Performance PU Adhesive should be stored in the original sealed container in dry conditions at a temperature between 5°C and 25°C. Shelf life is 9 months in an unopened container when stored at the above temperature.

Typical Properties

Characteristic Properties	IKOpro High Performance PU Adhesive
Base	Polyurethane
Solid Content	100%
Viscosity	4000cps @ 20°C
Colour	Green
Tack Life	5-7 minutes @ 20°C
Flash Point	N/A
Shelf Life	9 months

Coverage Rates

Exposure	Number of Strips	Coverage (g/m ²)	Coverage per 6.5kg Container (m ²)
Manual application – direct from the container			
Normal	4 (50g/lin. M)	200	28.0
Roof Perimeters	6 (50g/lin. M)	300	18.7

Further Product Information

Full product literature and technical sheets are available as downloads from our website: www.ikopolymeric.com or on request by email: polymeric.marketing@iko.com

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